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Joint Precision Strike Demonstration (JPSD)
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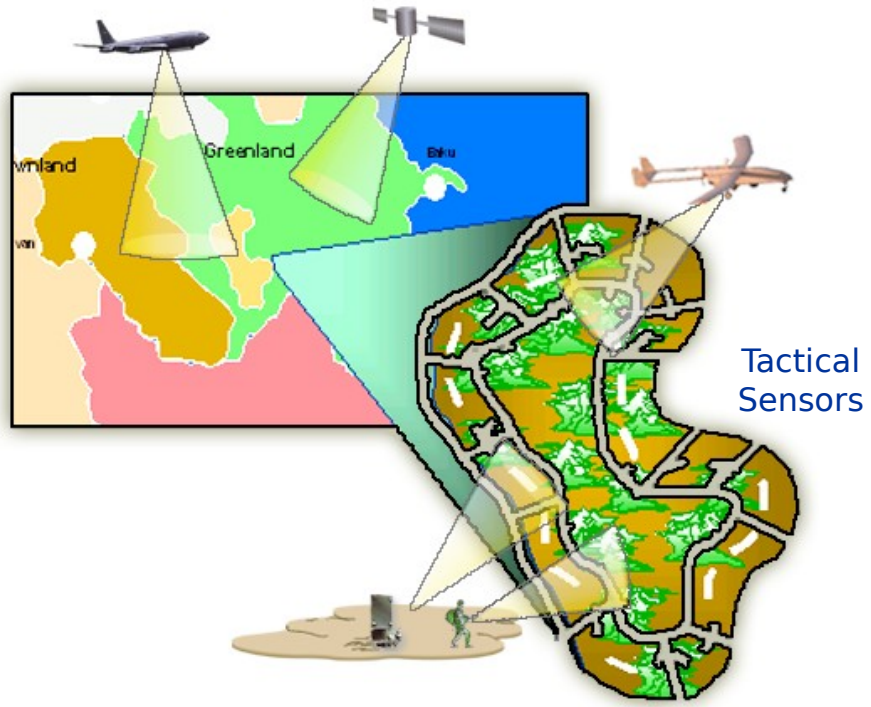
JISR Objectives

Problem

Operational Sensors



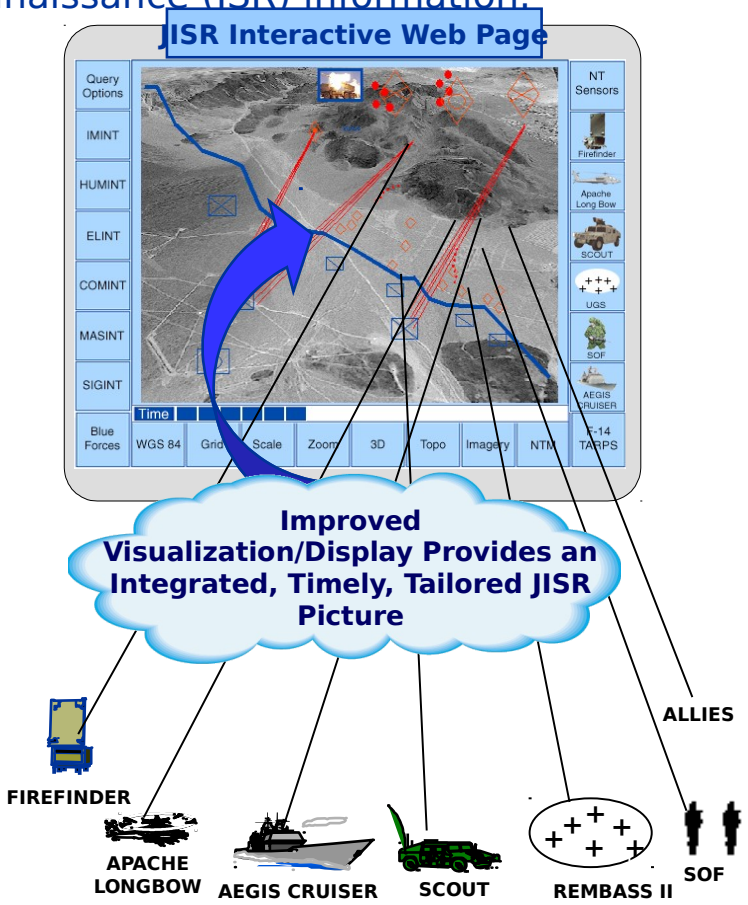
- **Operational and Tactical Levels do not Share a Timely Common Picture.**
- **Sensor Integration and Synchronization are Manpower Intensive, Too Slow, and Difficult to Exploit.**
- **Stove-Piped ISR and C2 Systems, Databases, and Processors are not Interoperable.**

Objectives

1. Bridge the Gap in Sensor Data Between Tactical and Operational Forces During Early Entry.
   - Increase Access to Multiple Data Feeds and Sensors
2. Provide Timely and User Friendly ISR Information.
3. Provide Shared Tactical Picture to Commanders, Intelligence and Operations Staffs.
4. Provide Tailorable Visualization of Battlespace.
   - Rapidly Create Views Tailored to User Needs, Including Near-Real Time Update/Overlays to Fused Data/COP

JISR Requirements

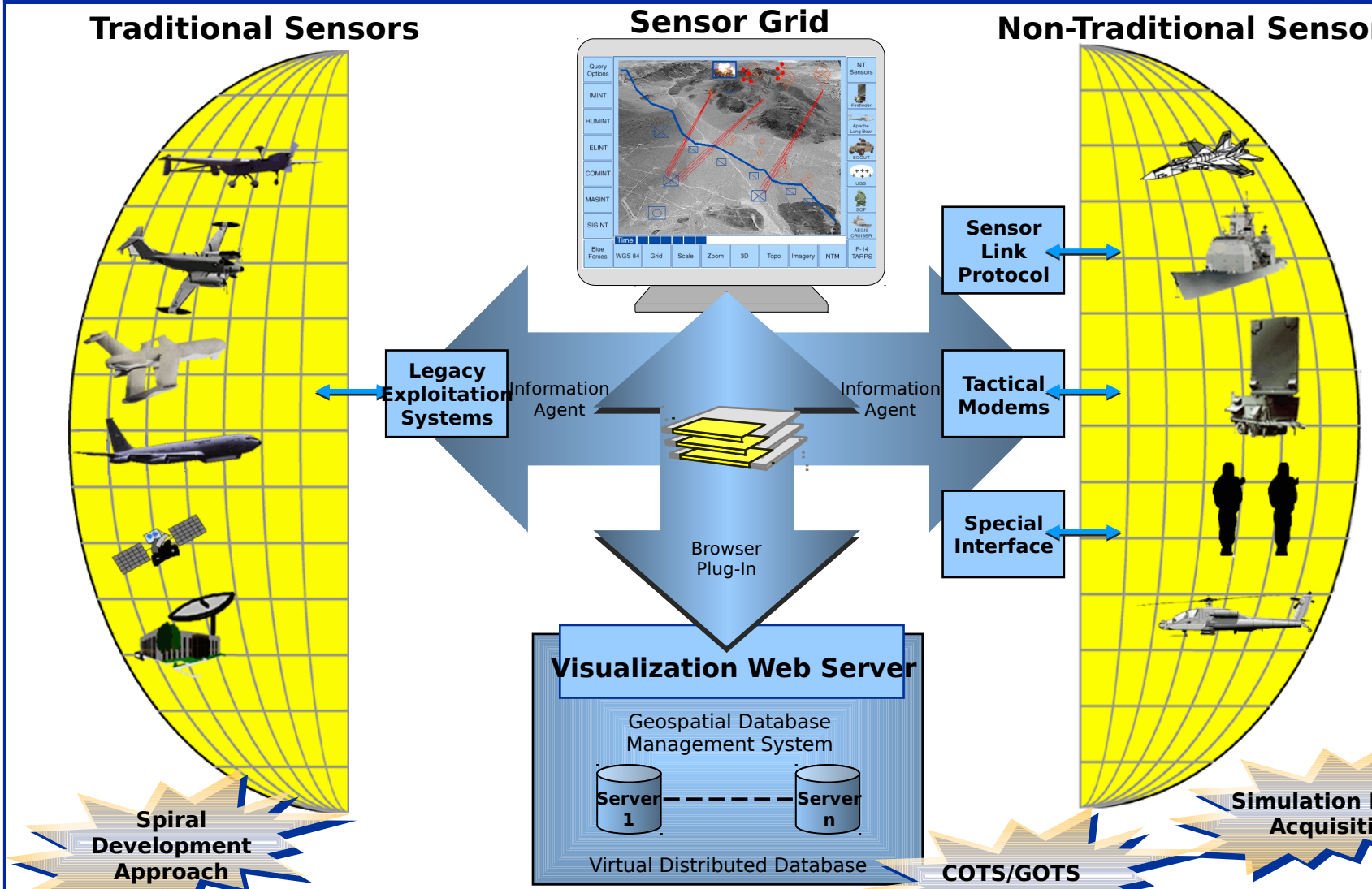
Mission: To provide early entry forces and their supporting headquarters with significantly improved situational awareness by means of more effective and timely access, integration, and visualization of relevant multi-service multi-echelon intelligence surveillance and reconnaissance (ISR) information.



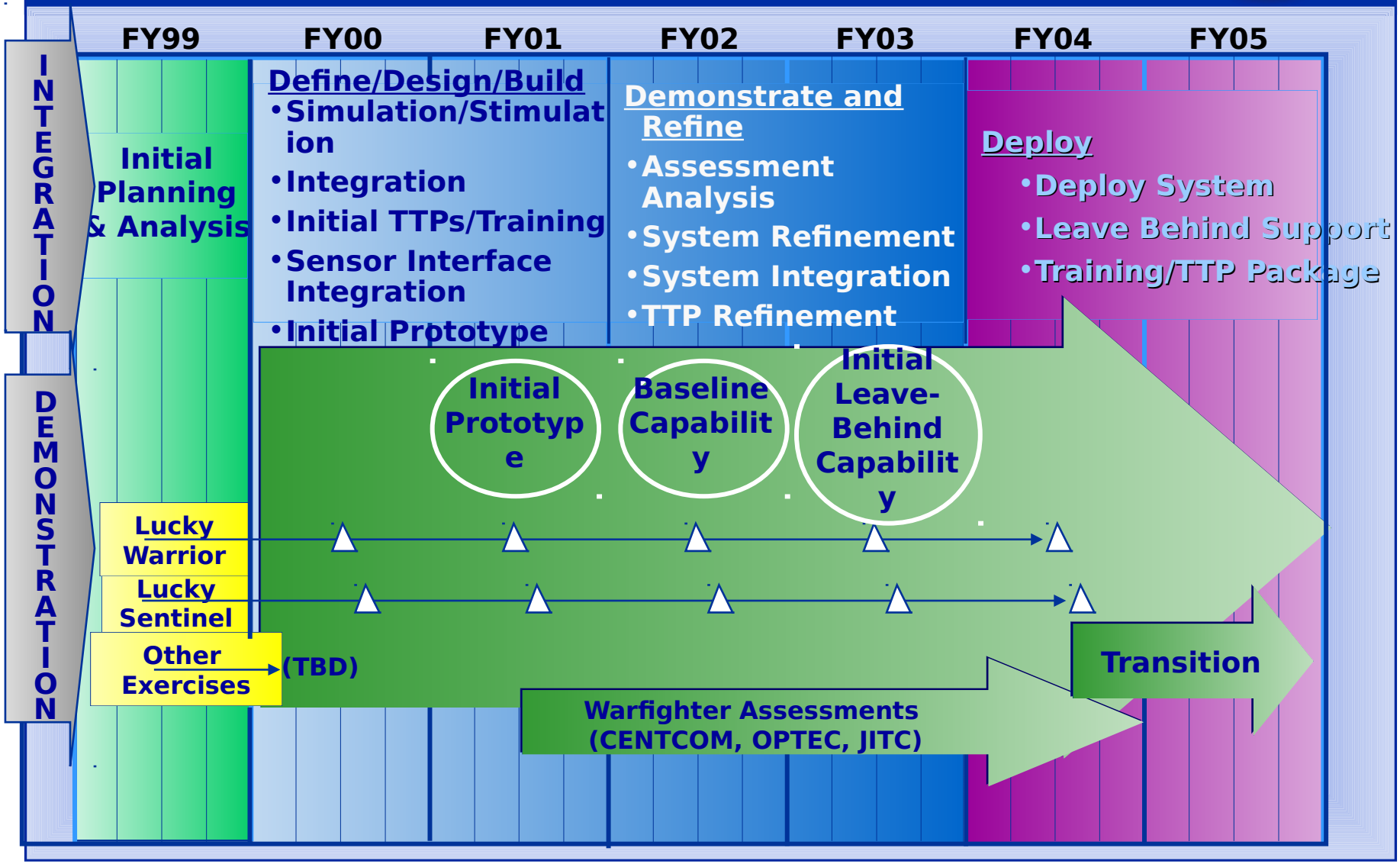
Requirement Statement

- Web based architecture
- Works on existing C4ISR workstations
- Works within existing (and future) communications architecture(s)
- Provides near real time access to:
  - Traditional (intelligence) sensor data
  - Nontraditional sensor data
  - Fused/correlated intelligence products
  - Sensor tasking/collection plans
- Allows user to define information requirements and “pull” data that satisfies those requirements
- 2D/3D visualization tools to display the information
- Data importable to user applications

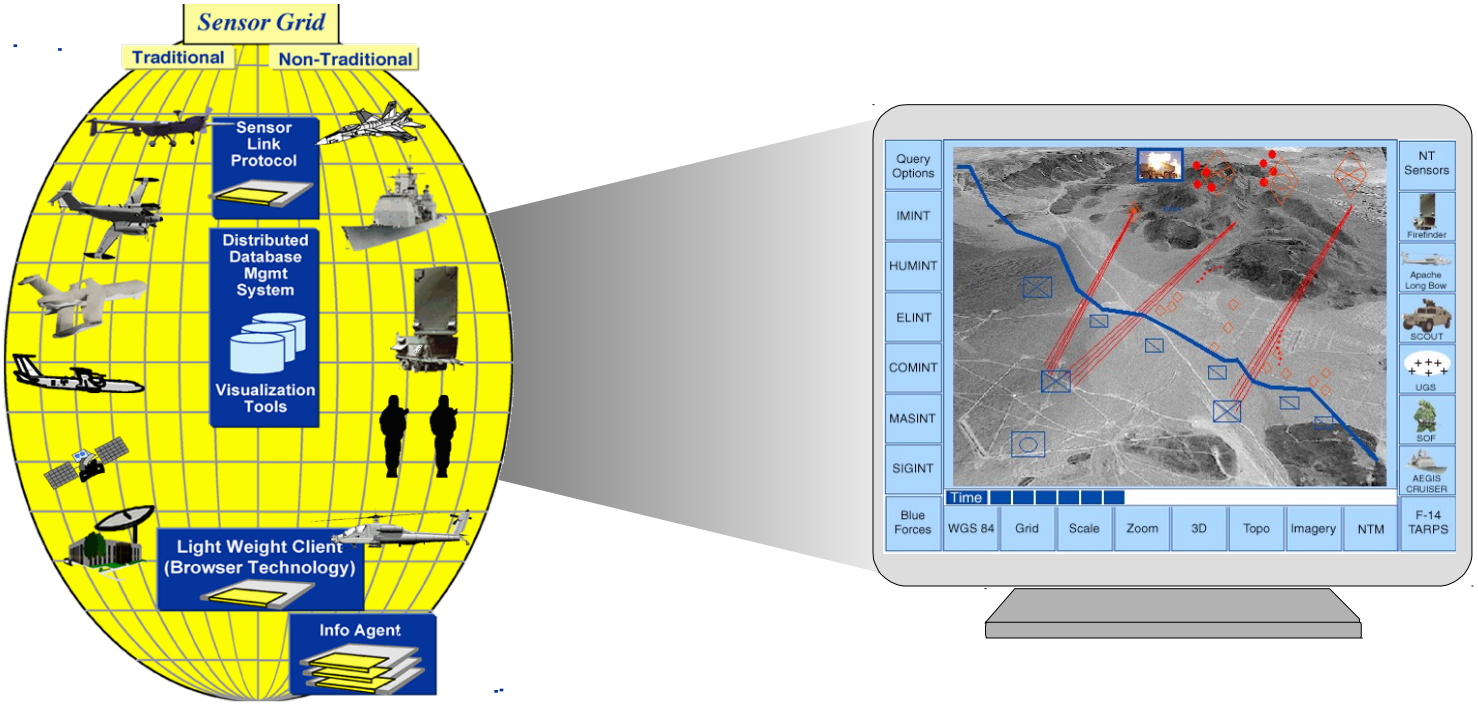
JISR Technical Approach



Schedule


FY99
FY00
FY01
FY02
FY03
FY04
FY05
INTEGRATION
DEMONSTRATION
Initial Planning & Analysis
Define/Design/Build
•Simulation/Stimulation
•Integration
•Initial TTPs/Training
•Sensor Interface Integration
•Initial Prototype
Demonstrate and Refine
•Assessment Analysis
•System Refinement
•System Integration
•TTP Refinement
Deploy
•Deploy System
•Leave Behind Support
•Training/TTP Package
Initial Prototype
Baseline Capability
Initial Leave-Behind Capability
Lucky Warrior
Lucky Sentinel
Other Exercises
(TBD)
Transition
Warfighter Assessments (CENTCOM, OPTEC, JITC)

Summary



TO: CSA, CJCS

"JISR addresses several of my concerns regarding systems interoperability and compatibility between the services .... The integration of multi-service, multi-echelon ISR & operational data combined with JISR's enhanced visuals will provide value-added capability to our deployed forces. JISR will... enable us to disseminate and share vital intelligence down to the real warfighters in the central region."

General Zinni, 23 February 1999
CINC CENTCOM